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104260" 60409660

Gamma Irradiation of Dried Urokinase Suspended in PPG400

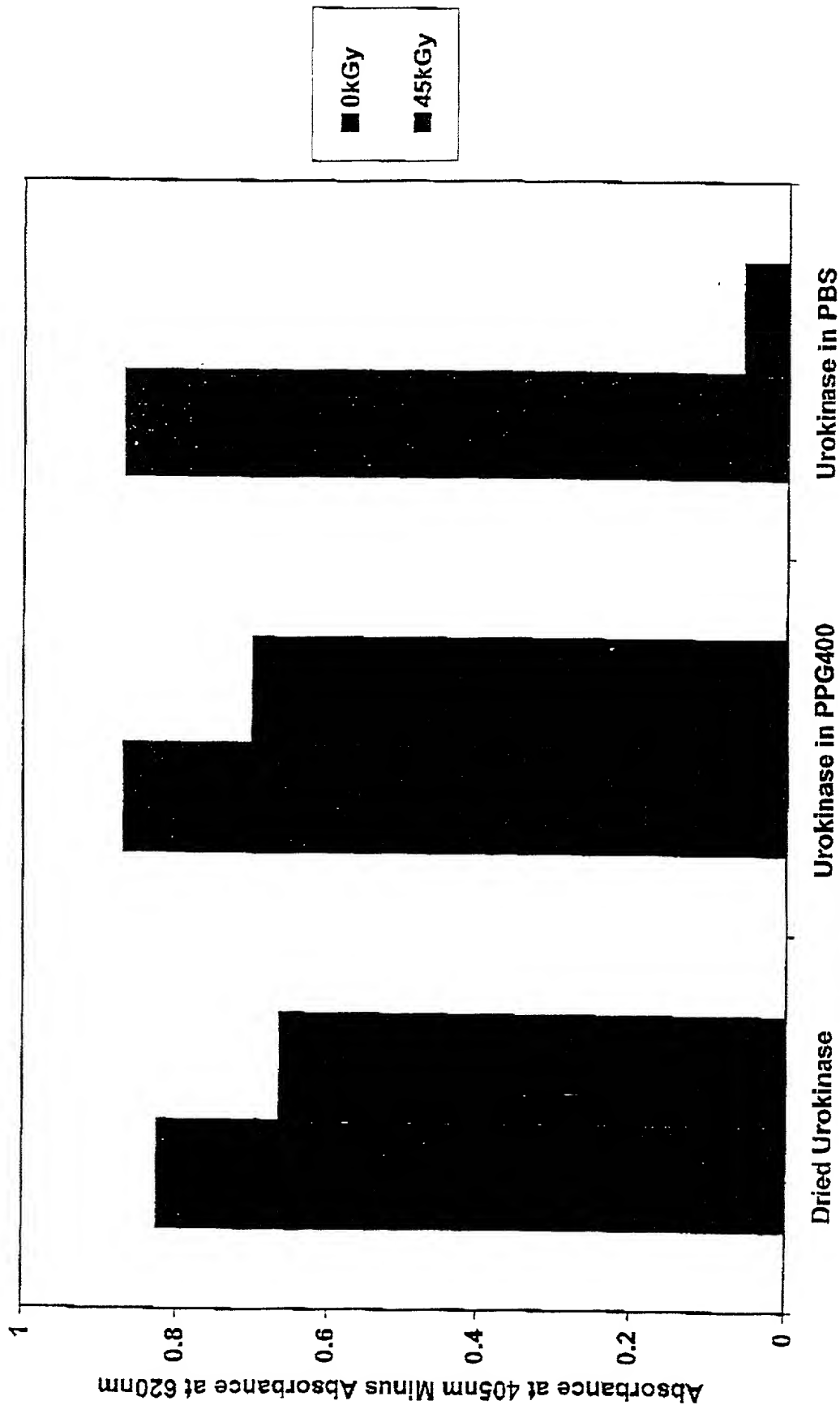


Fig. 1

**Gamma Irradiation of
Immobilized Monoclonal Antibody in the Presence of various
PPGs**

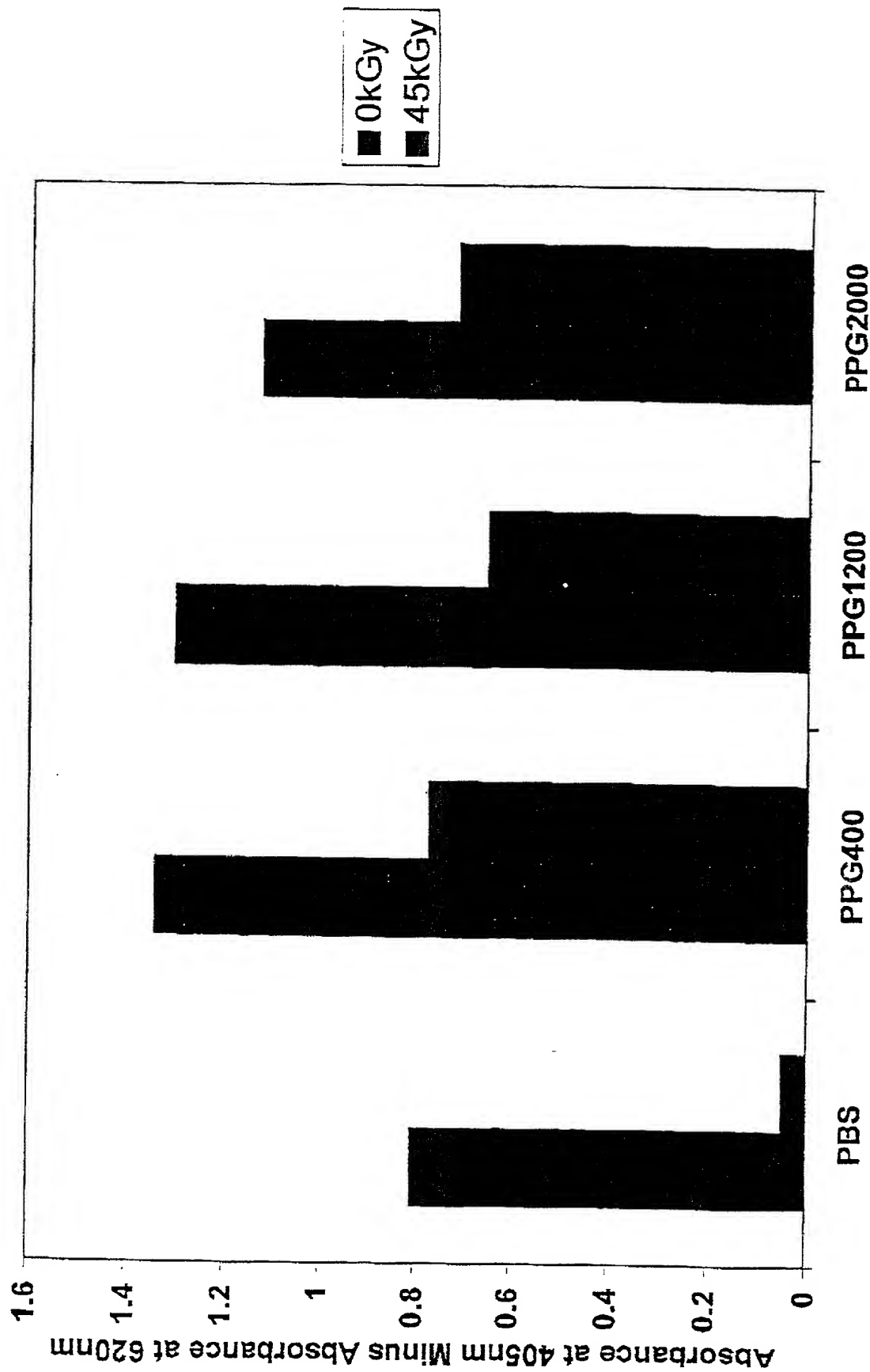


Fig. 2

Gamma Irradiation of Trypsin In the Presence of Increasing Amounts of Added Moisture

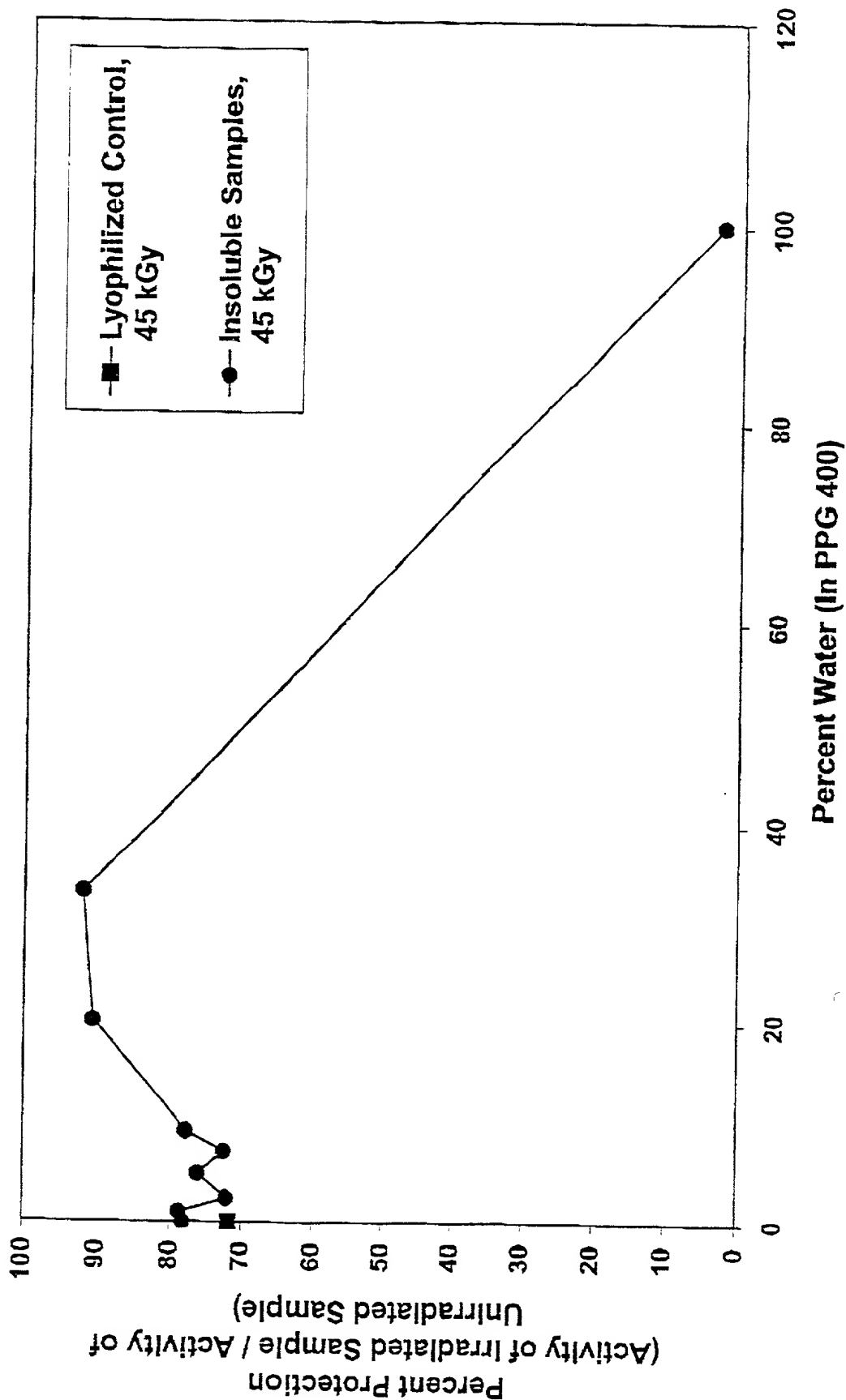


Figure 3

T04260*E0209660

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PPG 400

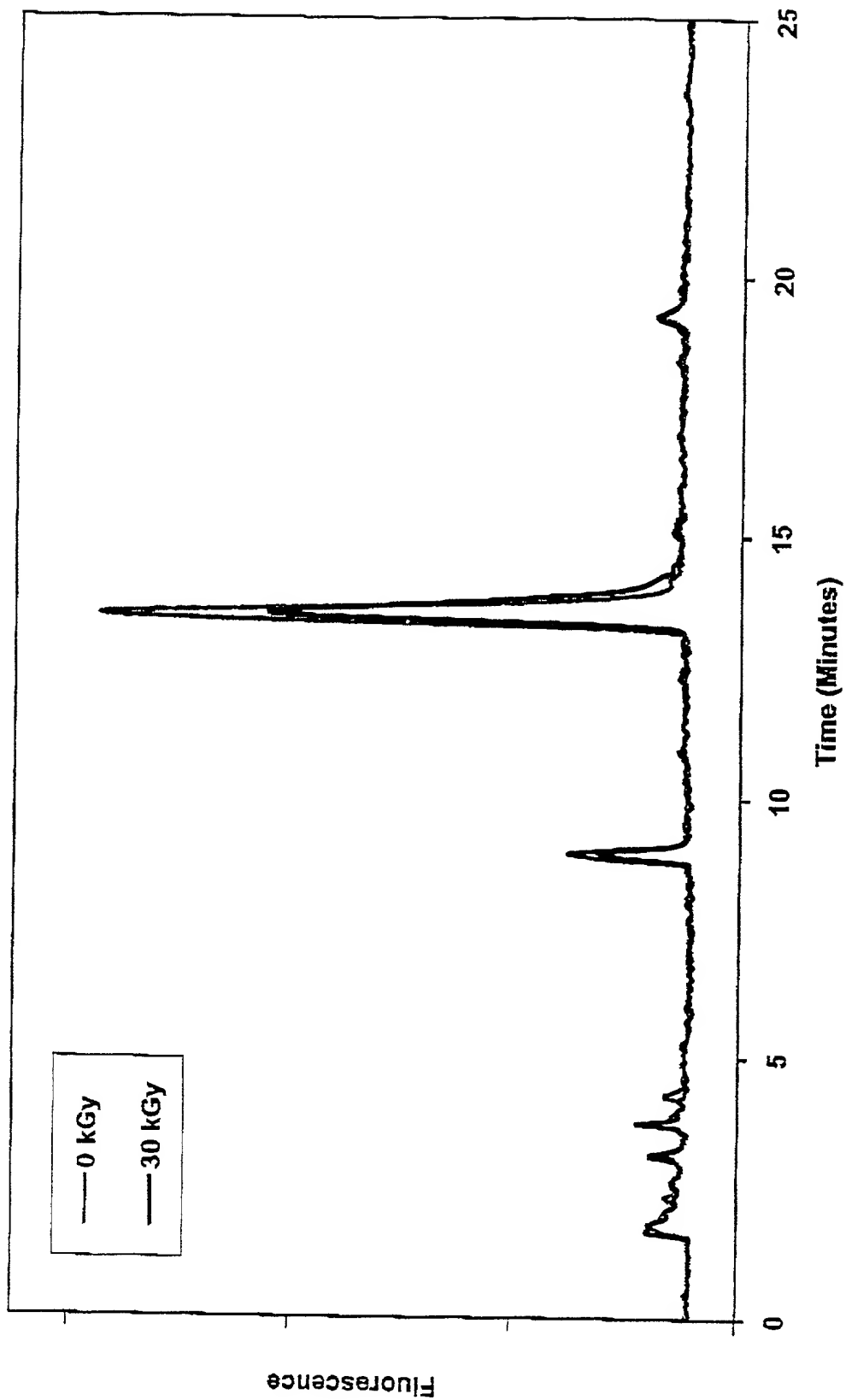


Figure 4a

T04260* E0209550

**Gamma Irradiation of Hydrolyzed Heart Valve
Cusps in the Presence of PPG 400 and 125 mM Trolox C**

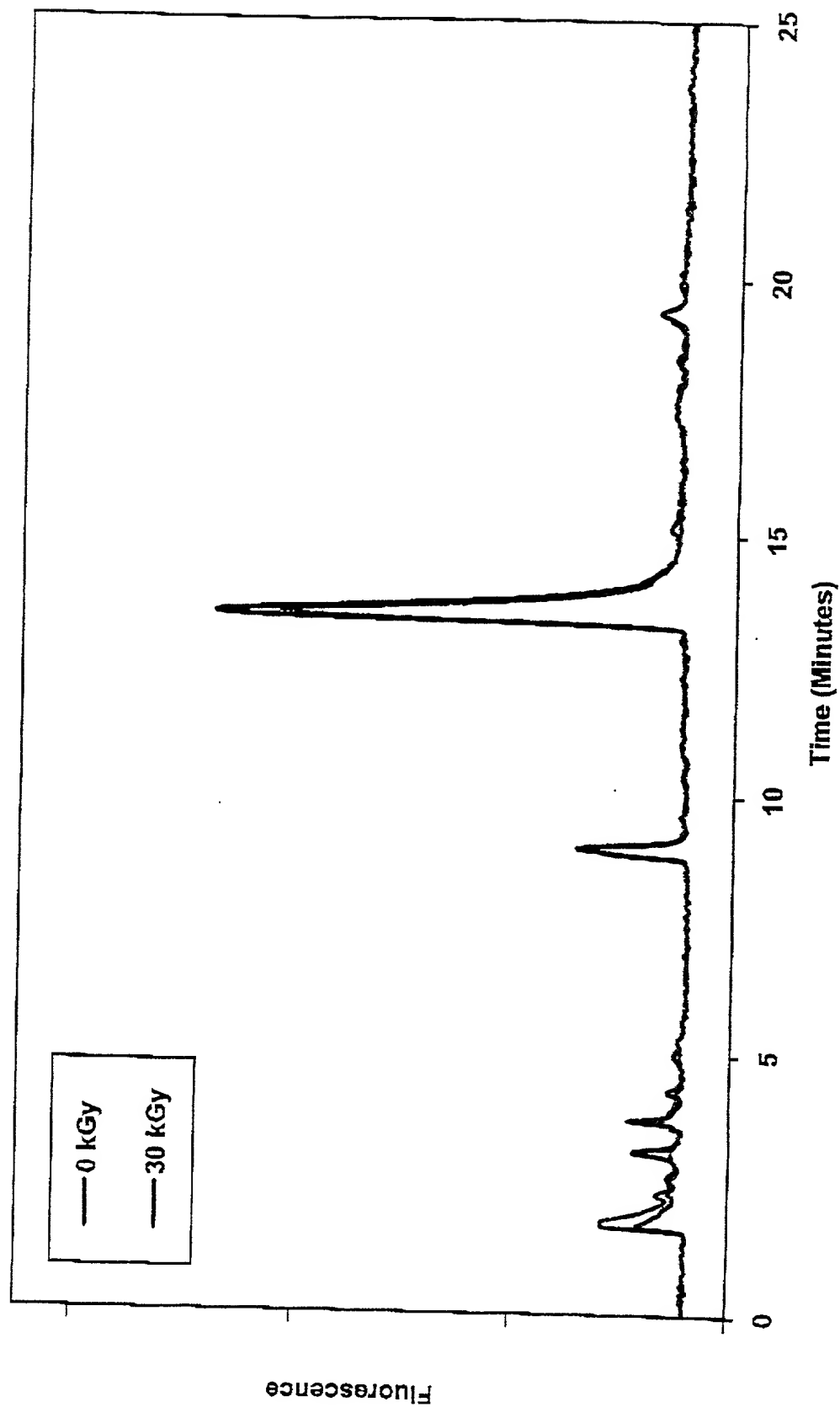


Figure 4b

T04260" E0209550

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence
of PPG 400 and a Stabilizer Mixture of 62.5mM Trolox, 100mM Lipoic
Acid, 100mM Coumaric Acid, and 100mM n-Propyl Gallate

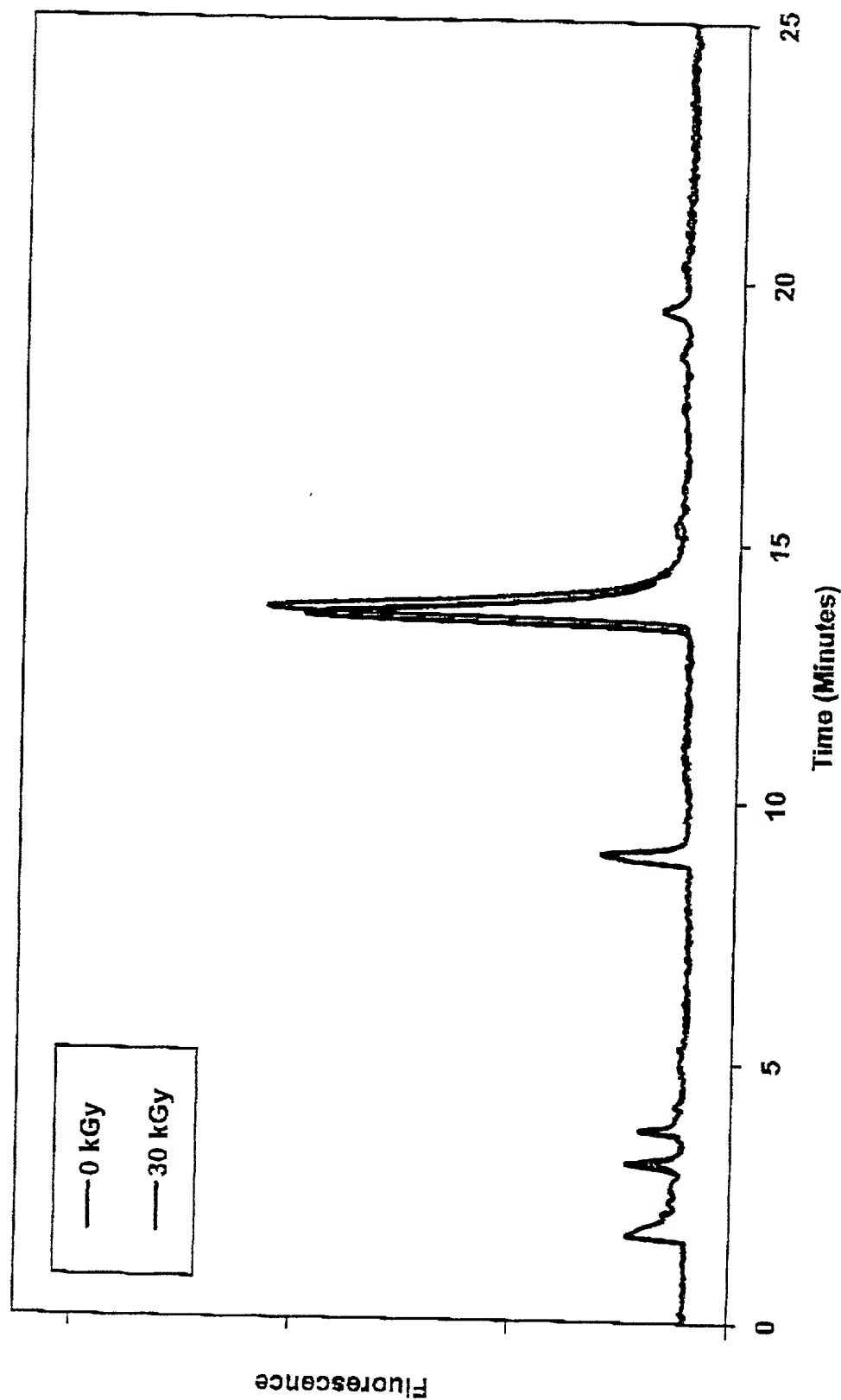


Figure 4c

FOH260" EO 209560

Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of PPG400 with Various Stabilizers

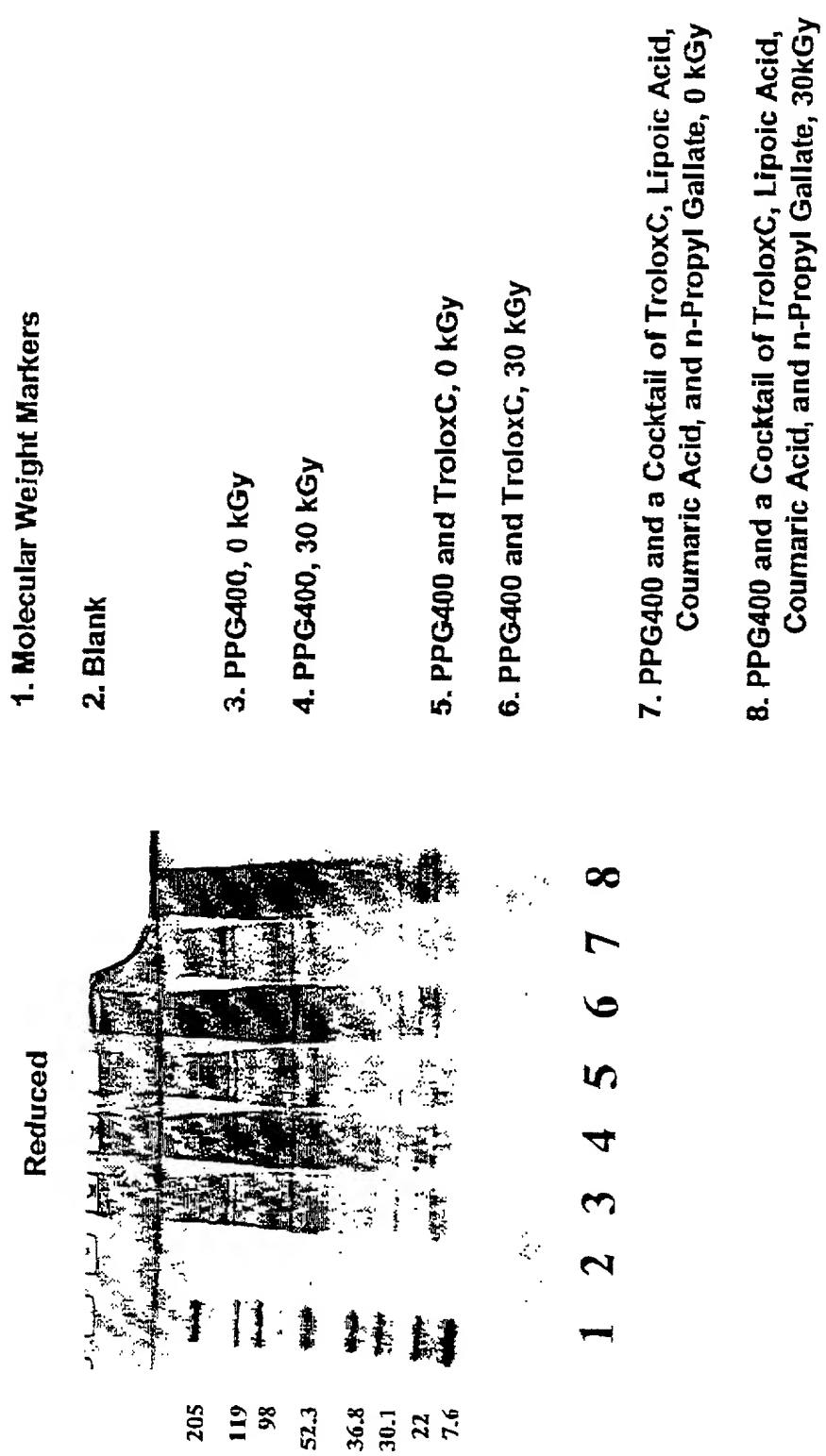


Figure 4d

FOH260* E0209660

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PBS

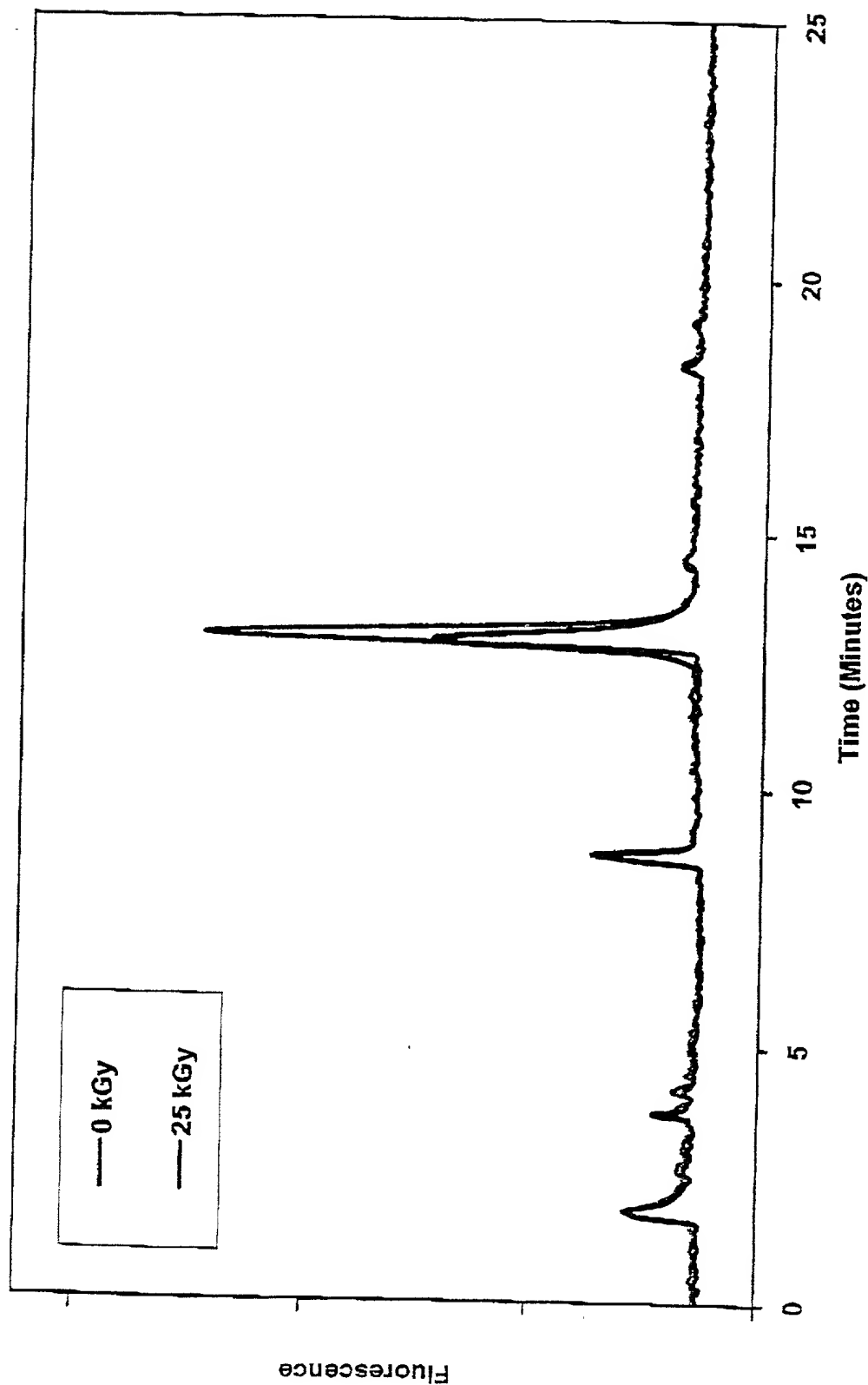


Figure 5A

T04260" E0409660

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PPG 400

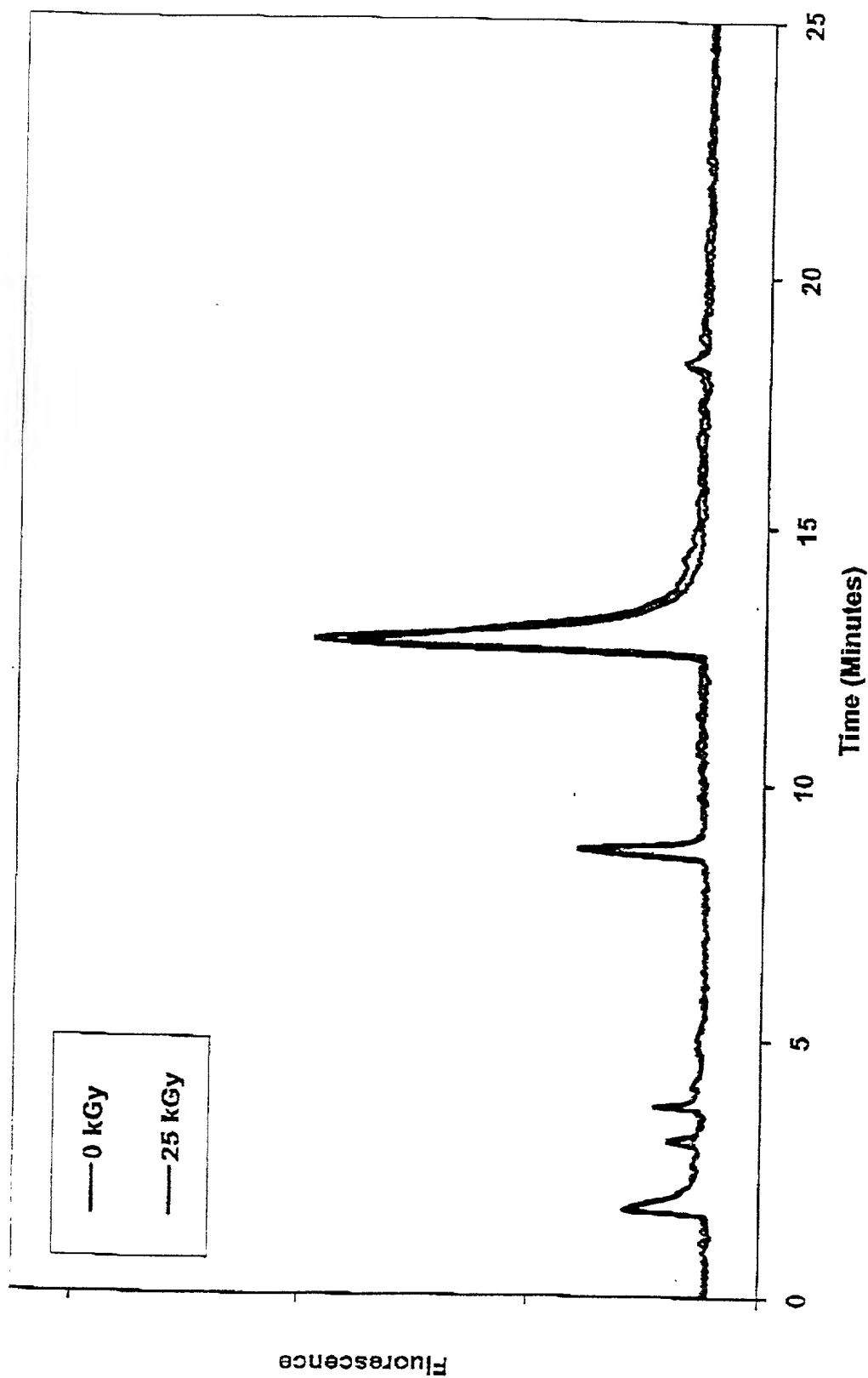


Figure 5B

TD4250-EO409560

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of 50% DMSO

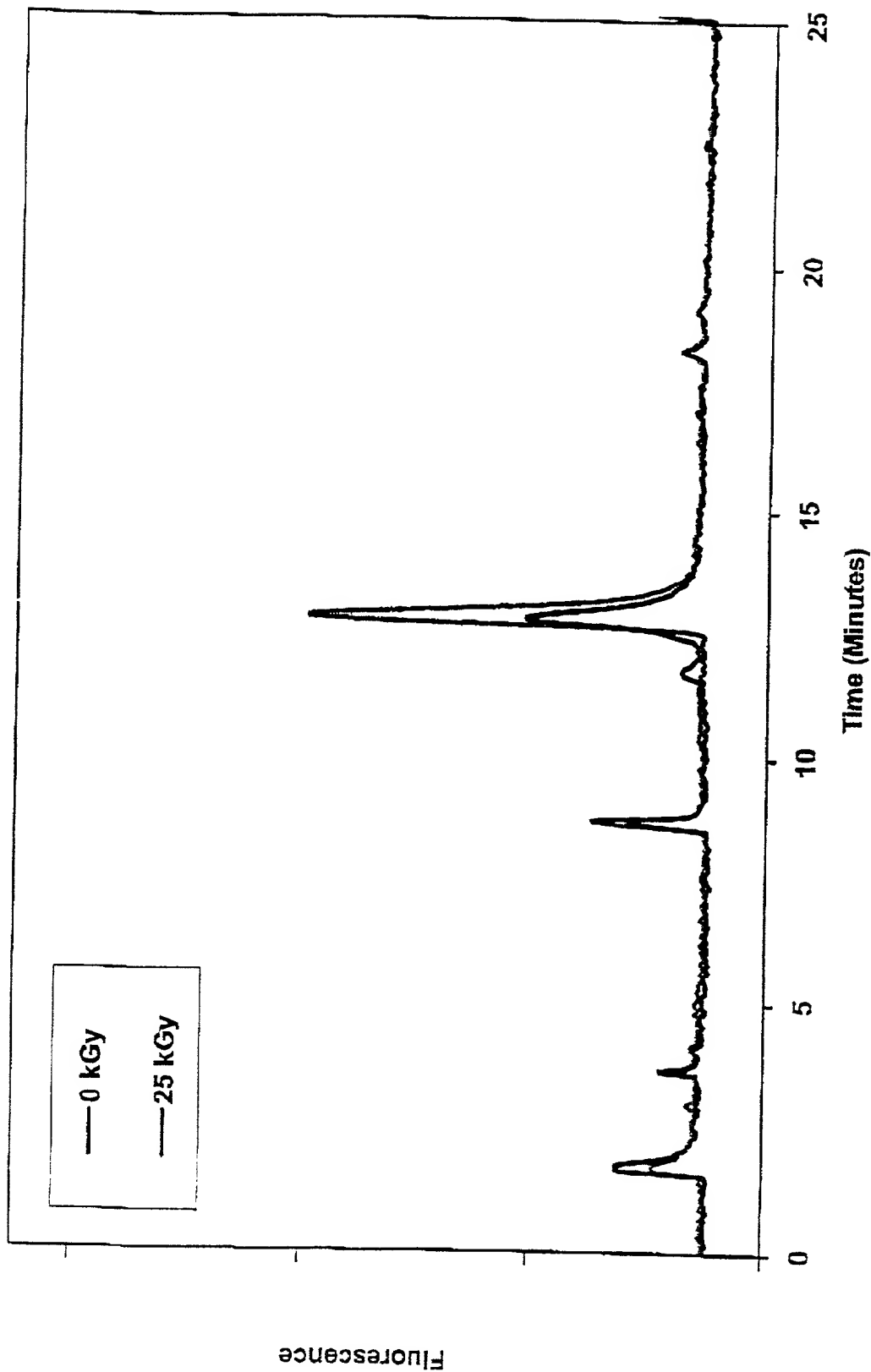


Figure 5C

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of 50% DMSO and a Stabilizer Mixture of 167 mM Ascorbate, 166 mM Coumaric Acid, and 100 mM n-Propyl Gallate

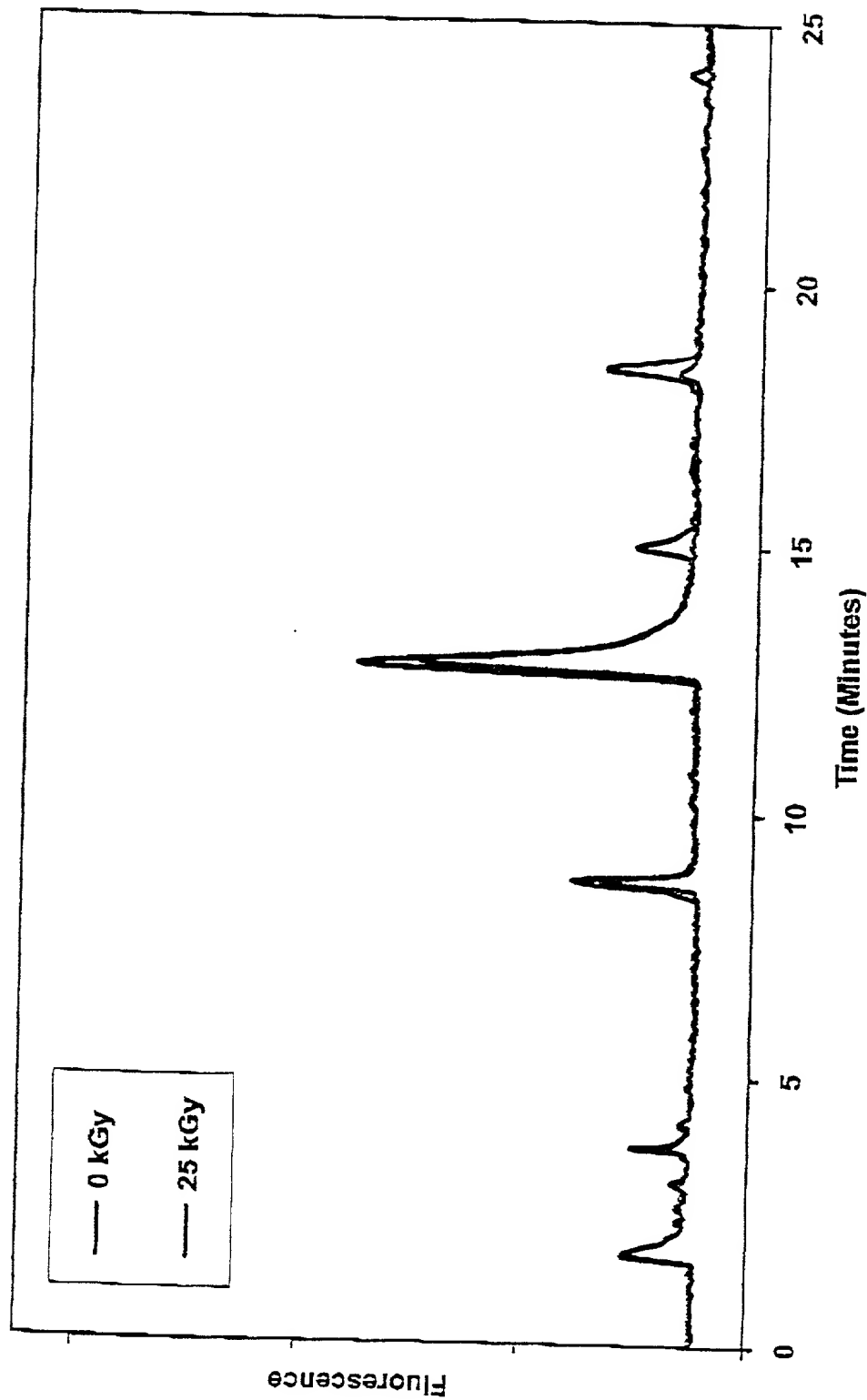


Figure 5

FOH260*ED209660

Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of Various Solvents

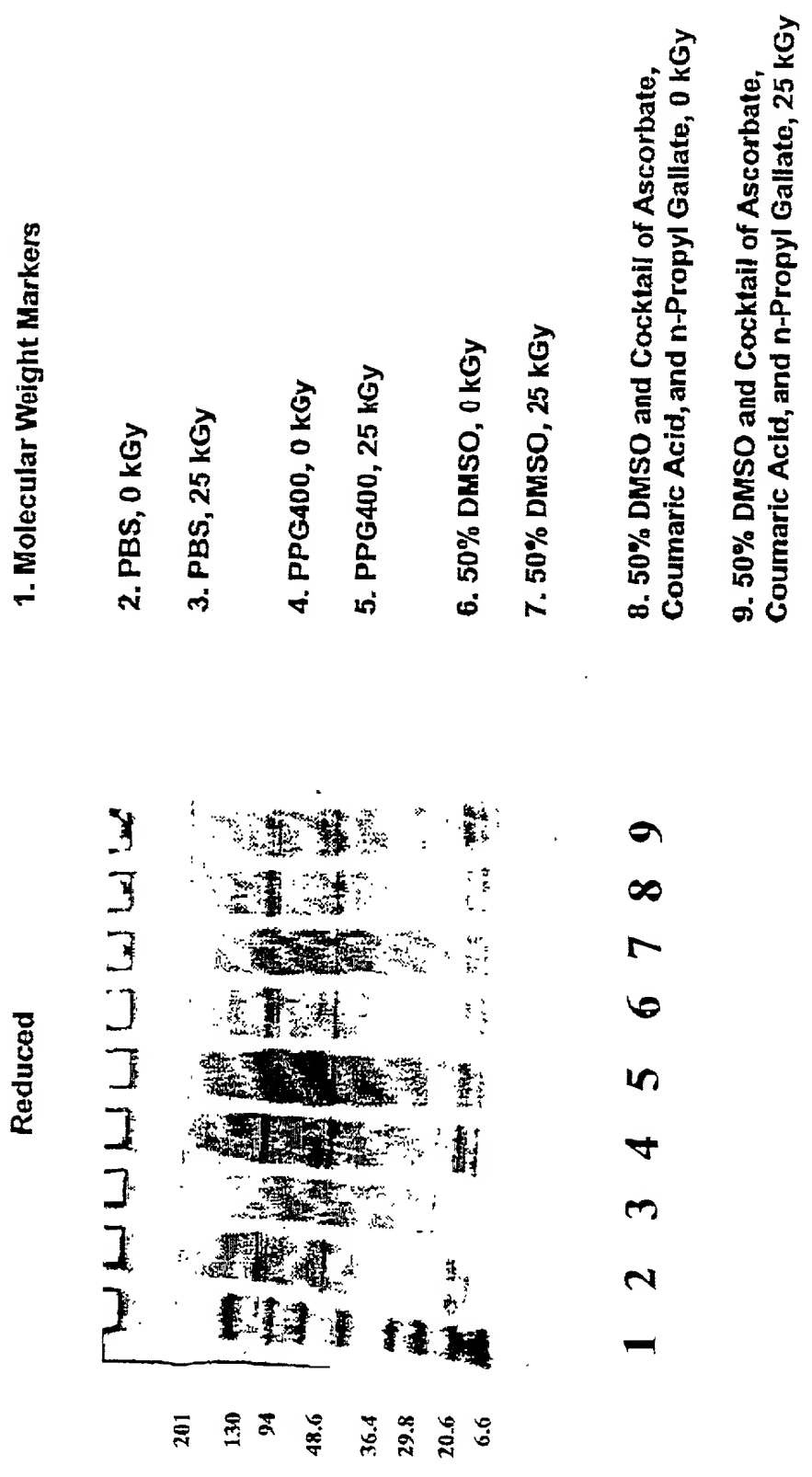


Figure 5E

T04260" E0409660

**Gamma Irradiation of Hydrolyzed Heart Valve
Cusps in the Presence of PBS**

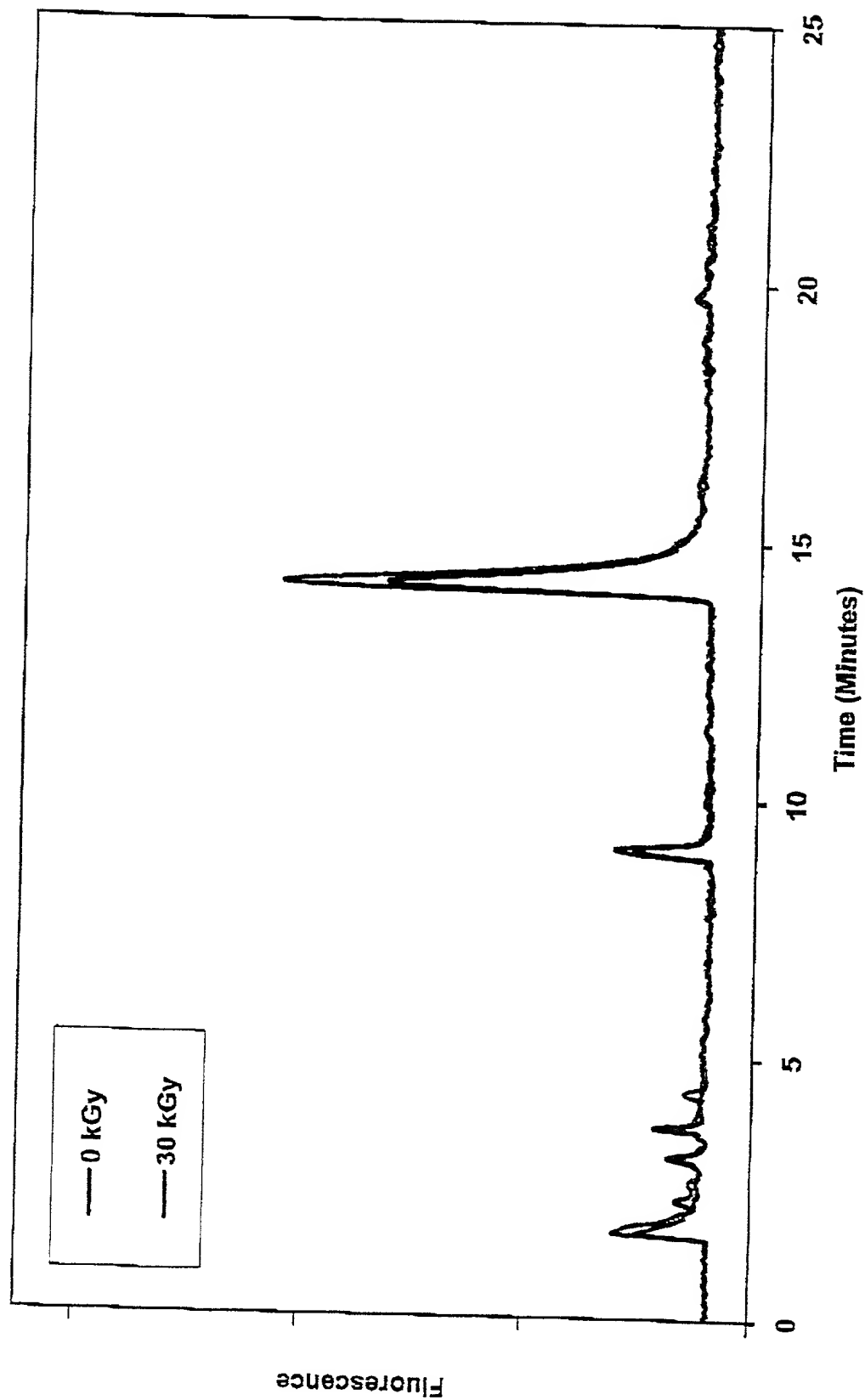


Figure 6A

TO4260* E0209660

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of a Cryopreservative (Containing Approximately 20% DMSO)

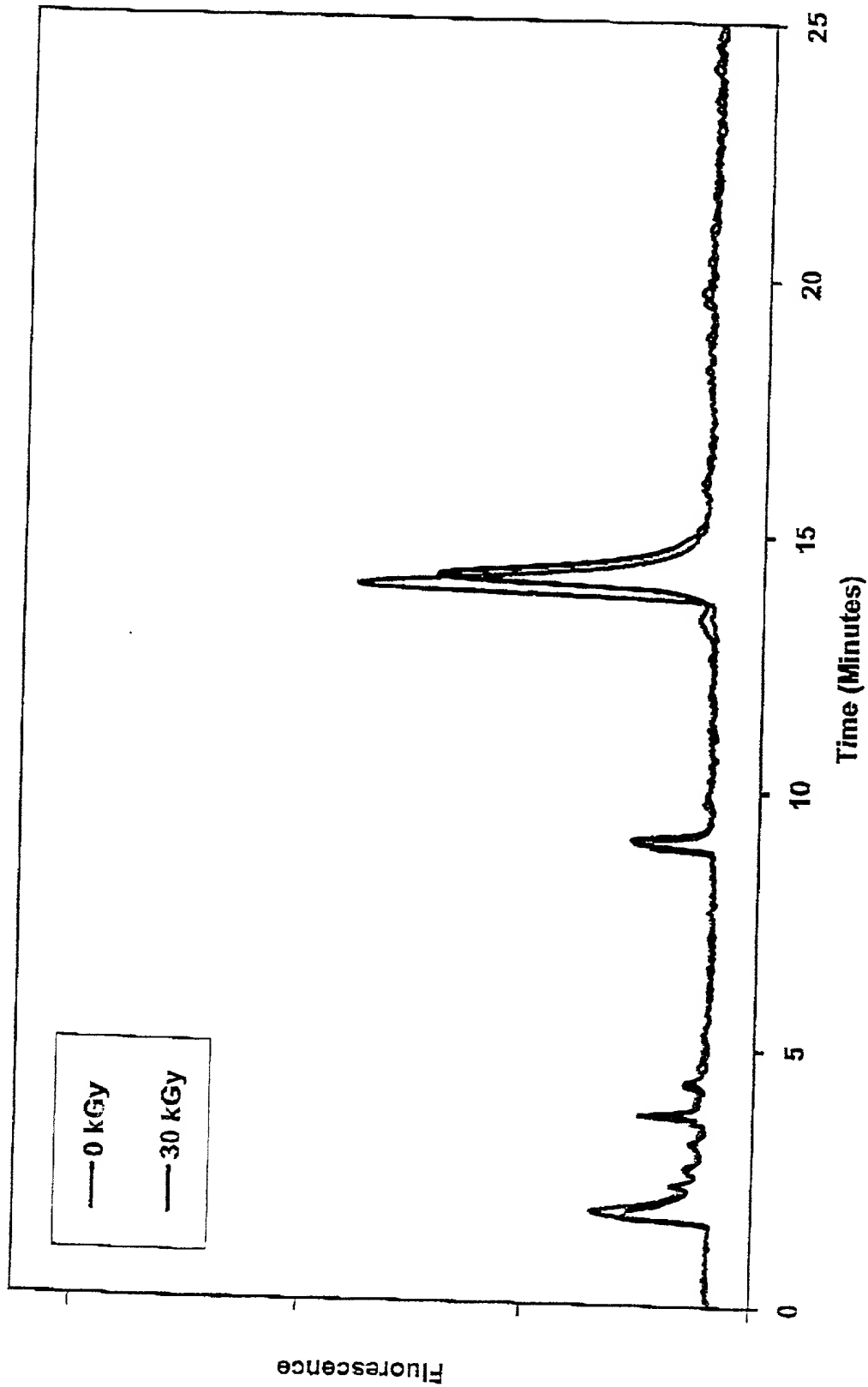


Figure 6B

**Gamma Irradiation of Hydrolyzed Heart Valve
Cusps in the Presence of 50% DMSO**

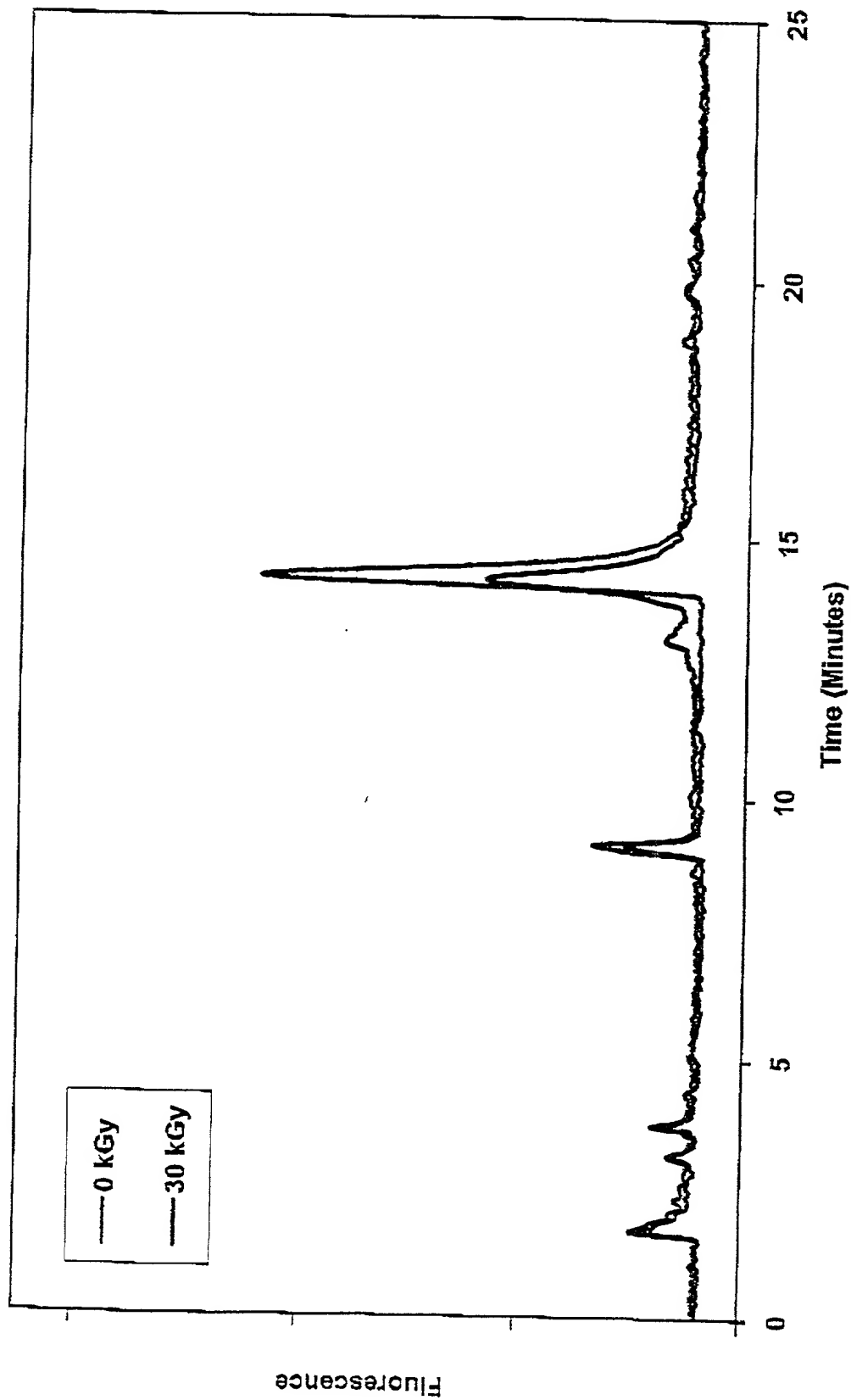


Figure 6C

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the
Presence of 50% DMSO and Ascorbate

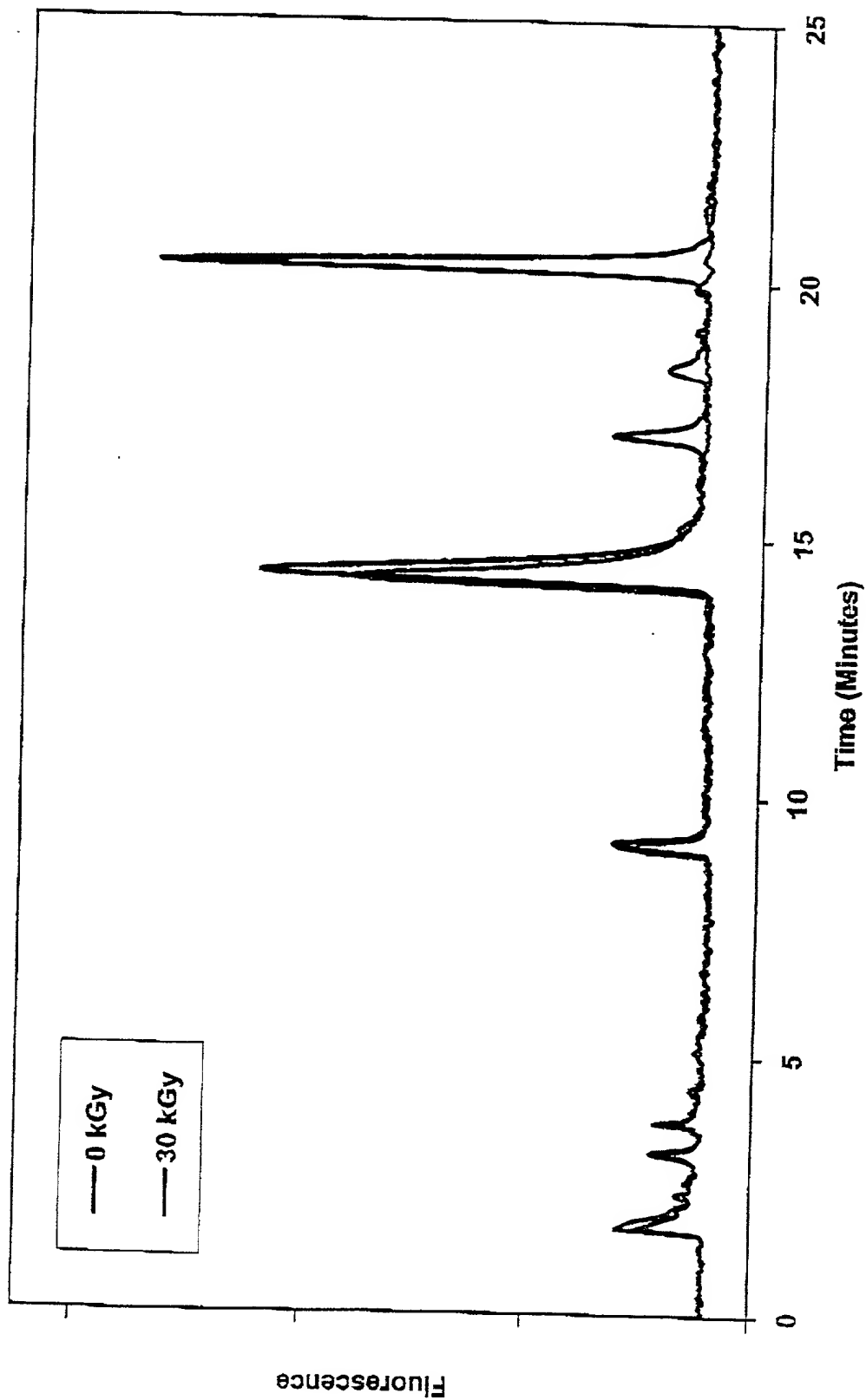


Figure 6D

Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of Various Solvents

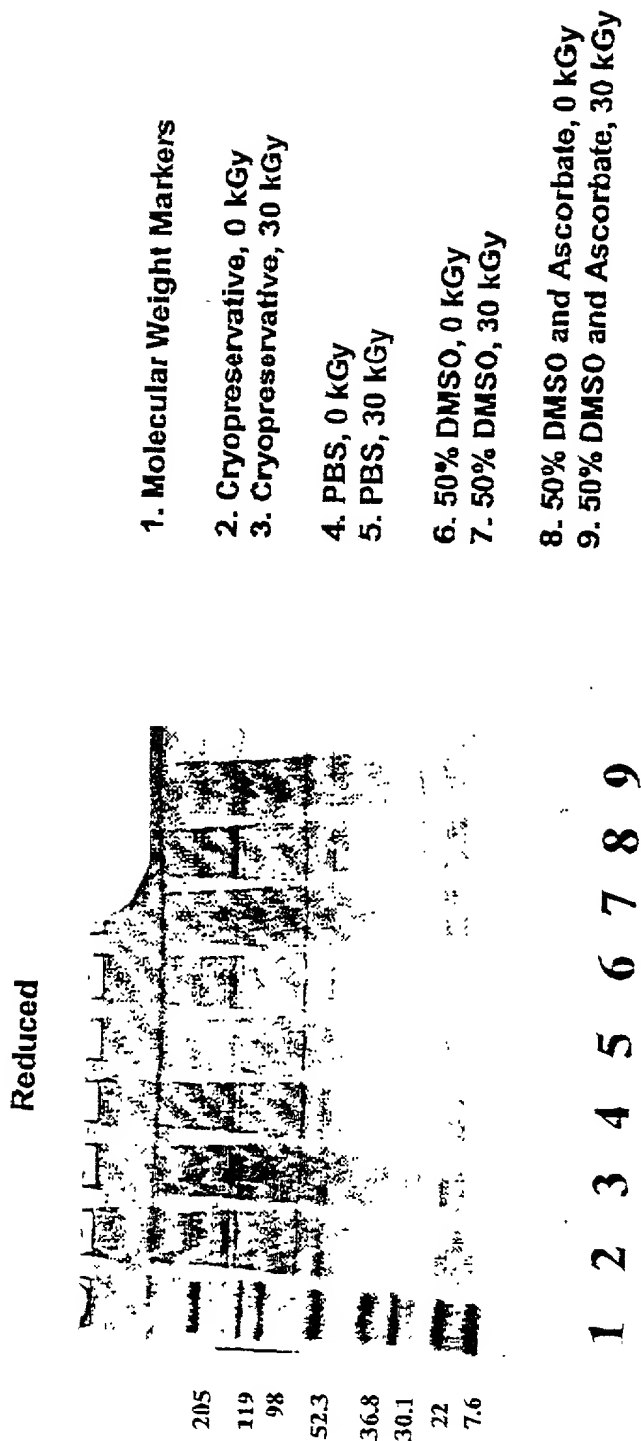


Figure 6E

T04260* E0409660

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PBS

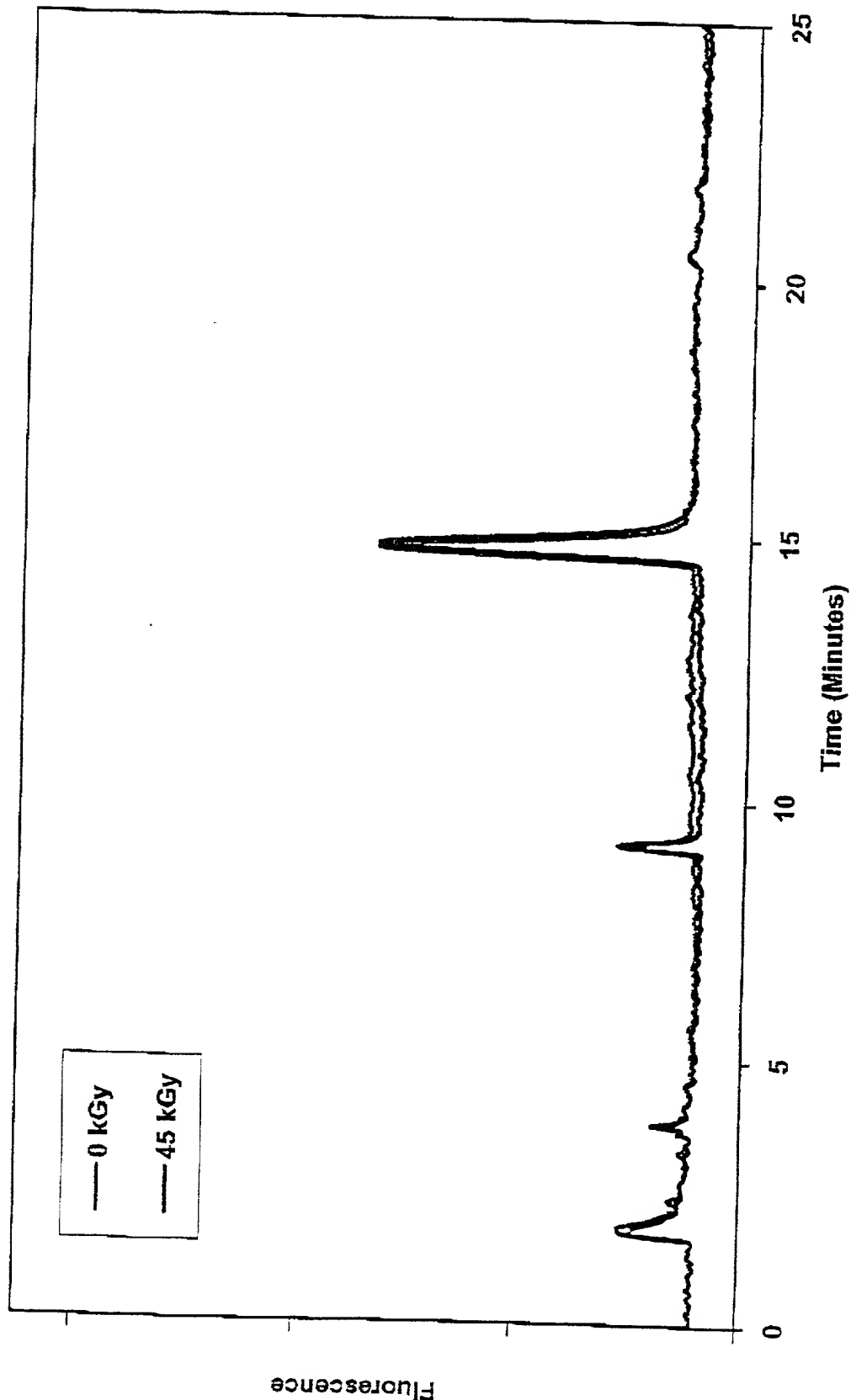


Figure 7A

TD4260" E0409660

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PBS and Ascorbate

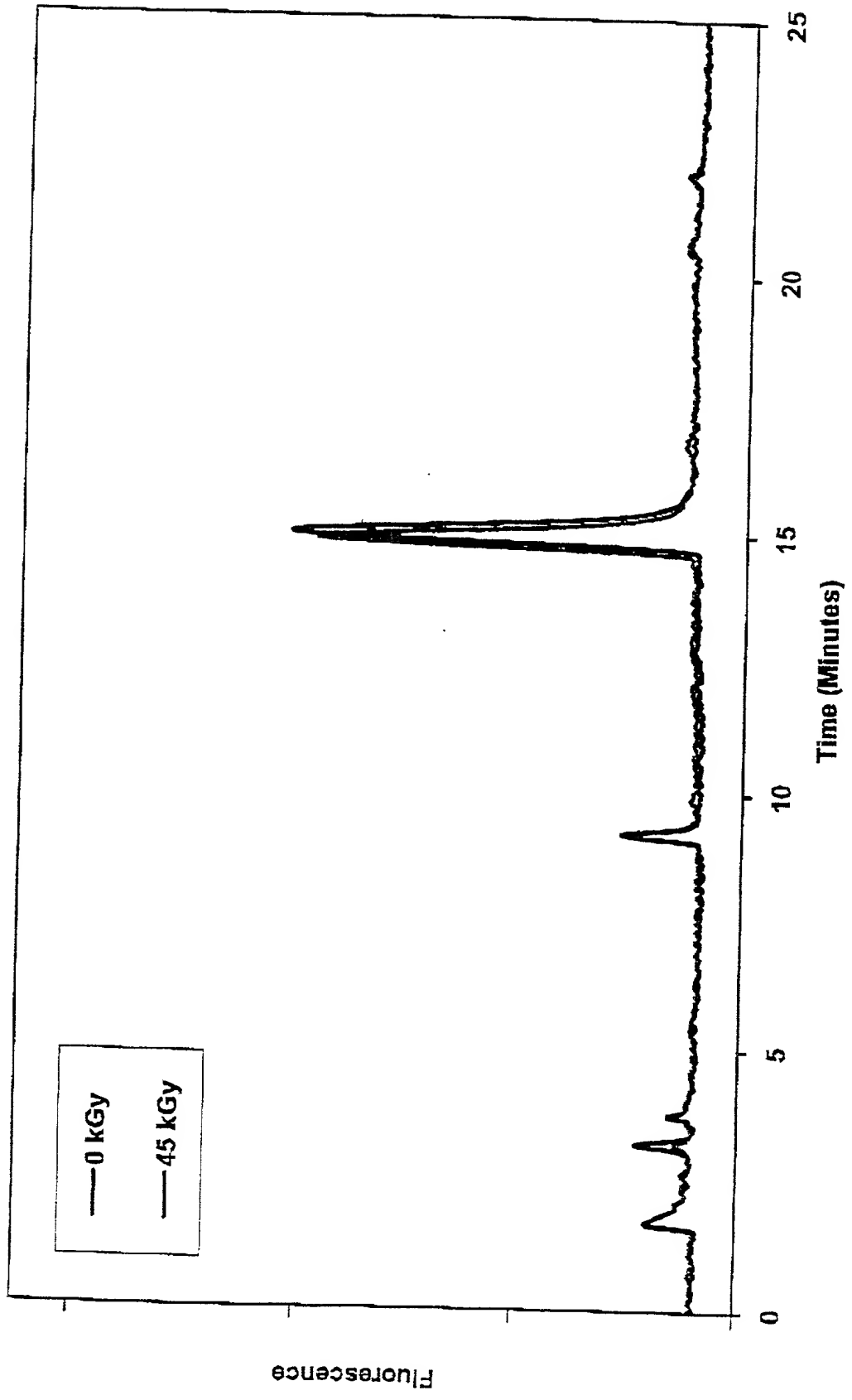


Figure 7B

FOH360*E0209560

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of PPG 400

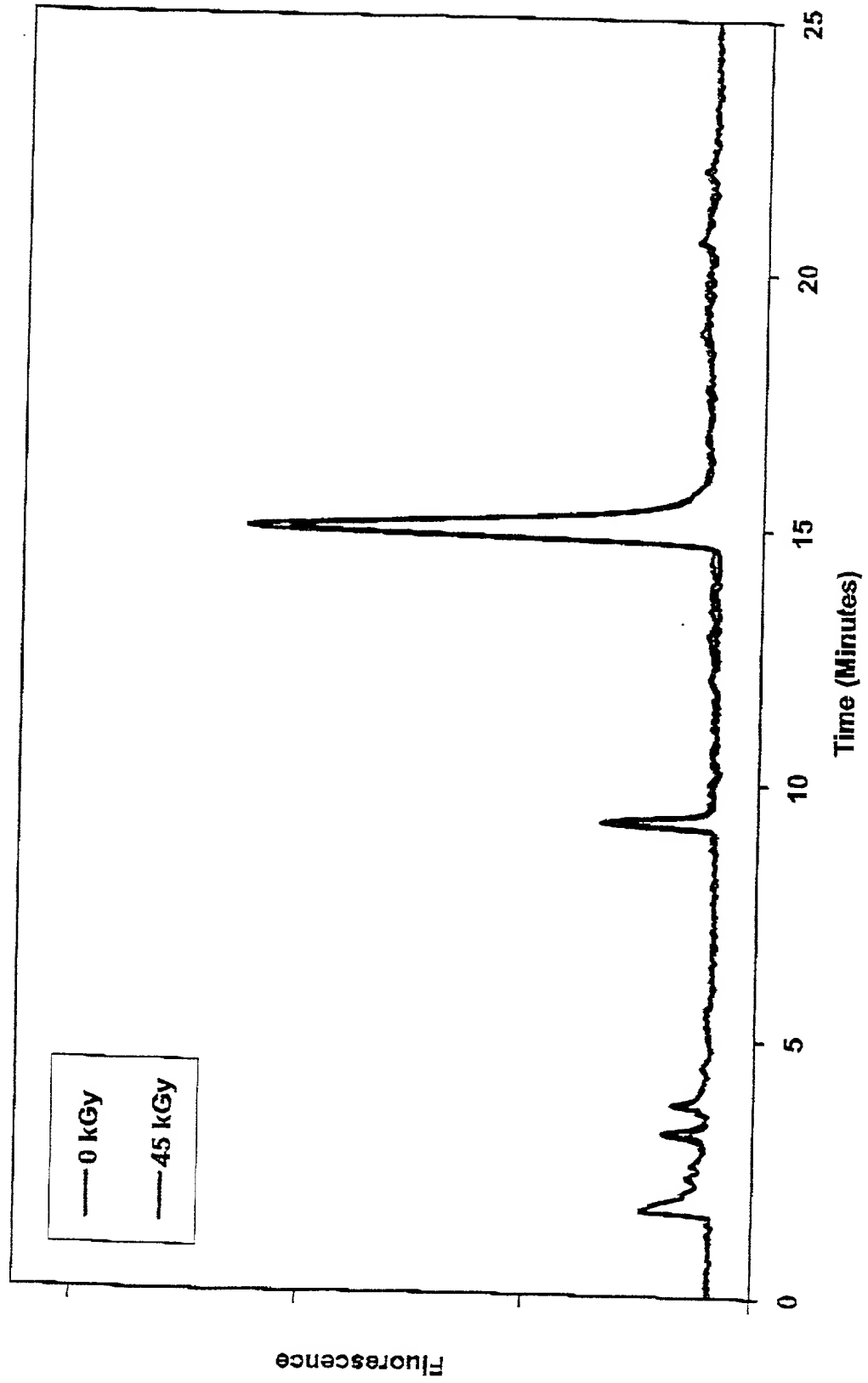


Figure 7C

T04260* E0209660

**Gamma Irradiation of Hydrolyzed Heart Valve Cusps
Dehydrated with PPG 400 and Rehydrated in the Presence of
PBS and Ascorbate**

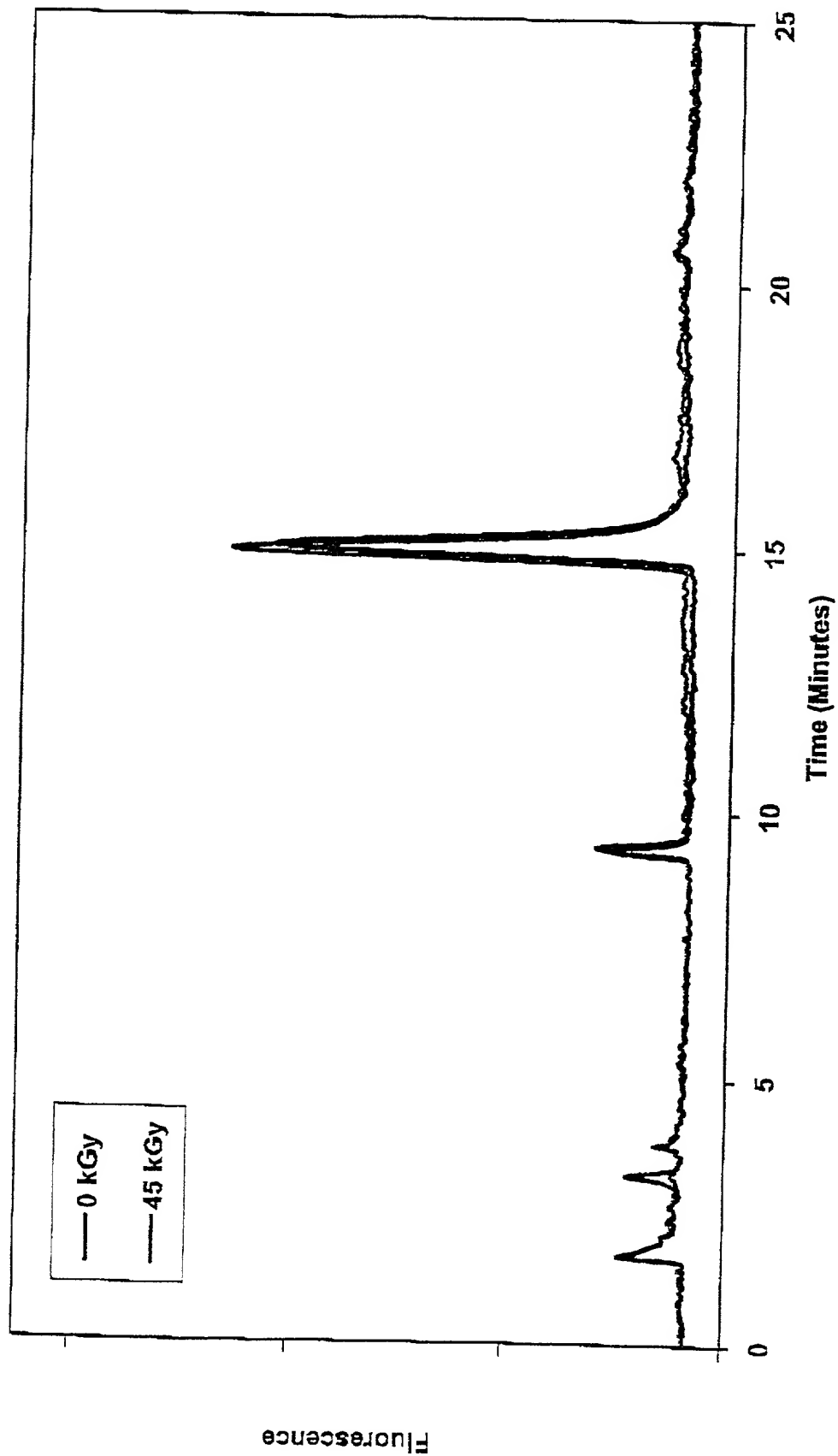


Figure 7D

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of 50% DMSO

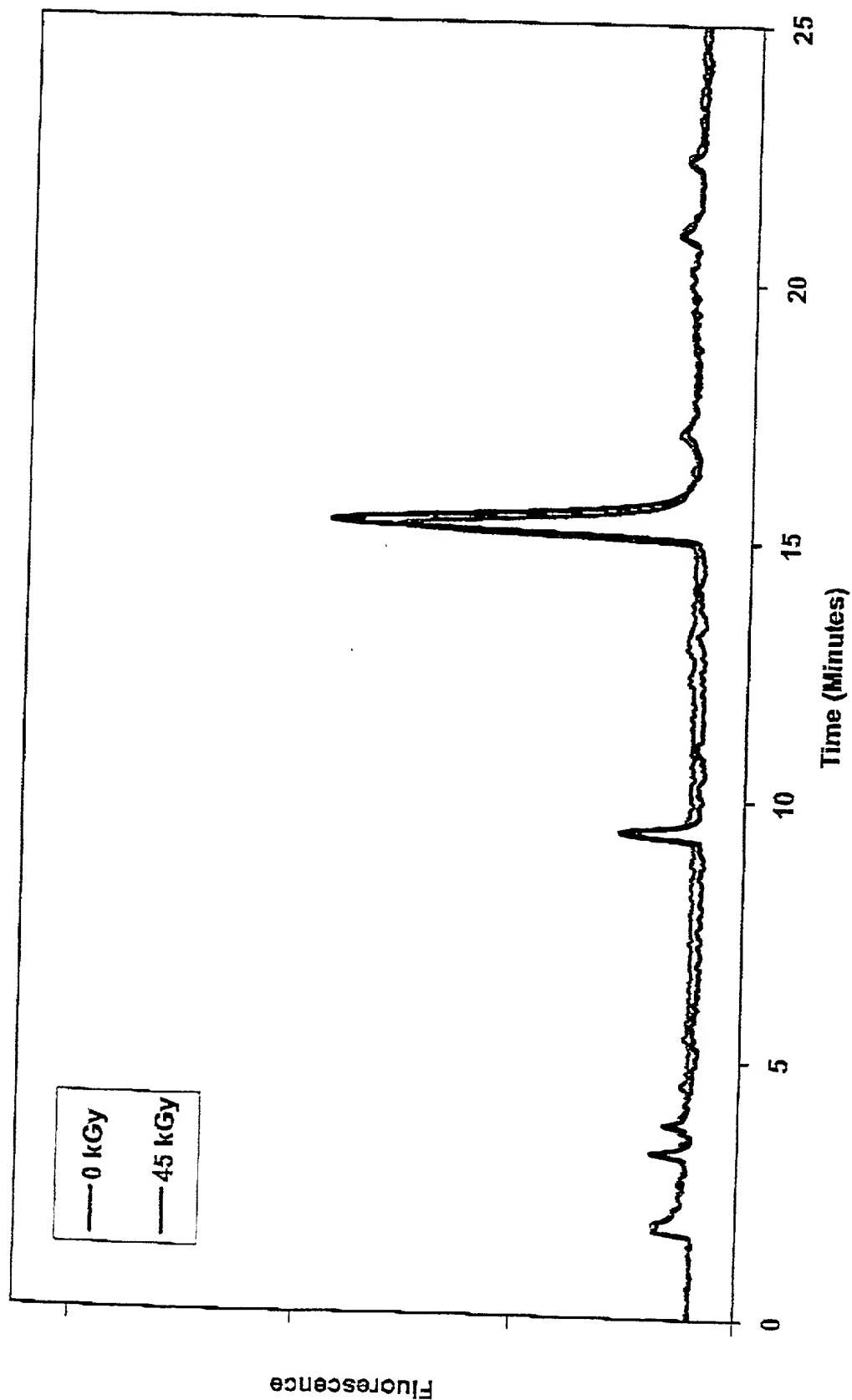


Figure 7E

Gamma Irradiation of Hydrolyzed Heart Valve Cusps in the Presence of 50% DMSO and Ascorbate

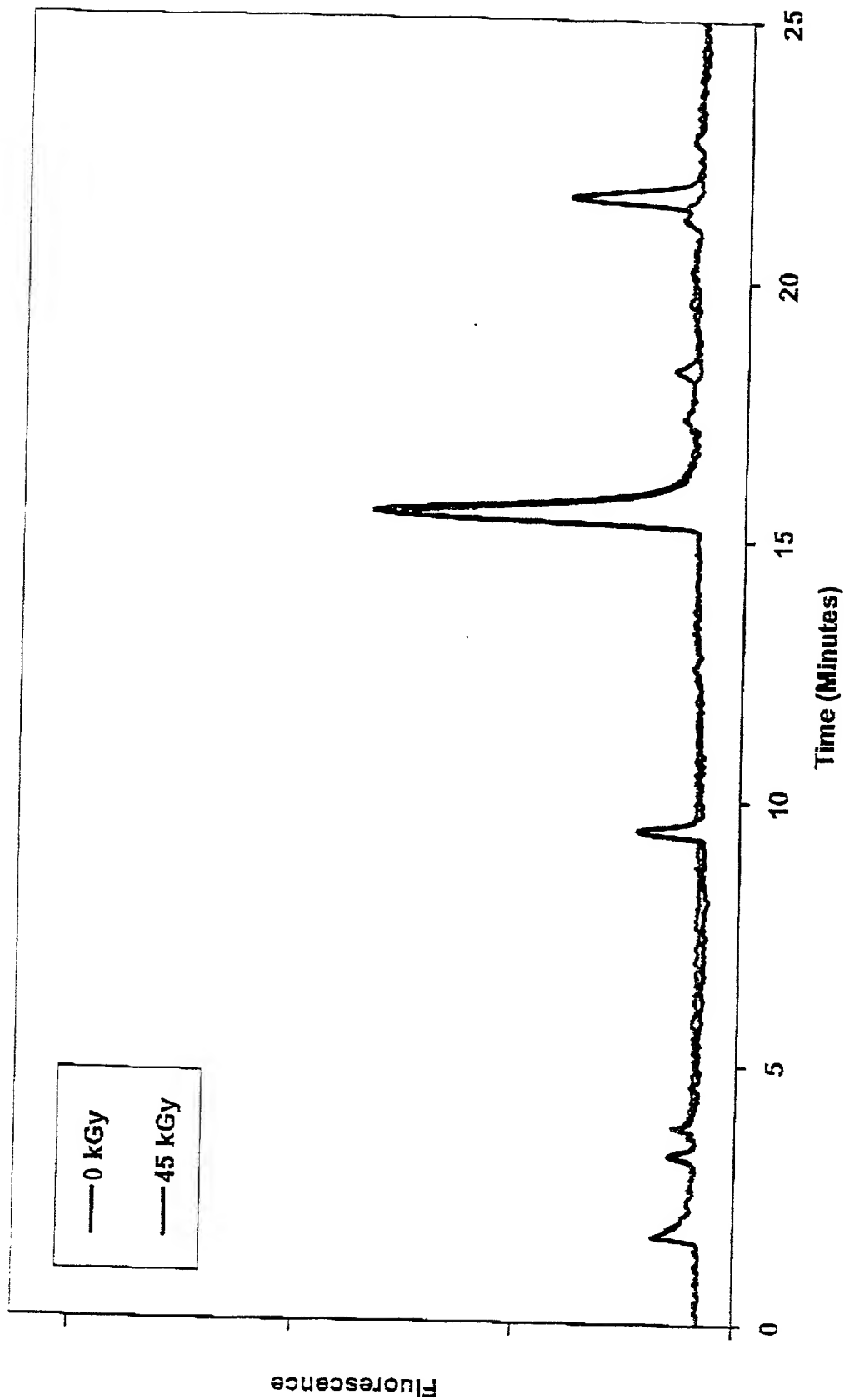
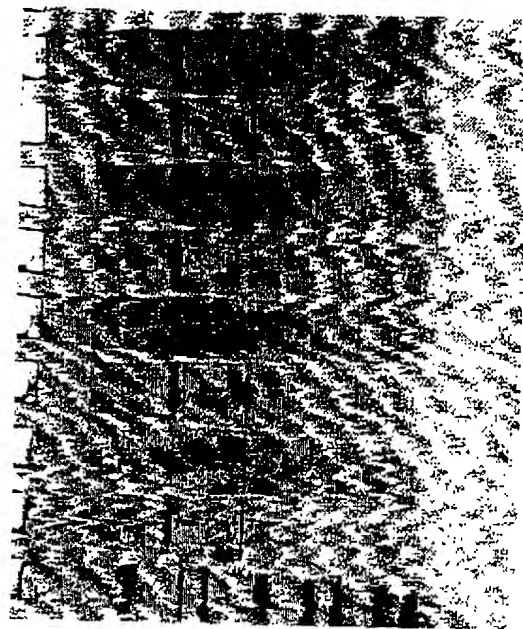


Figure 7F

TOH60-ED-60 Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of Various Solvents



205
119
98
52.3
36.8
30.1
22
7.6

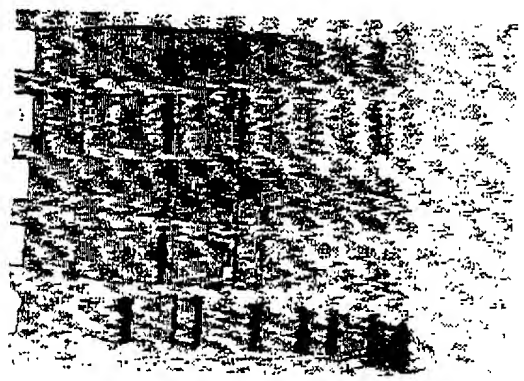
1 2 3 4 5 6 7 8 9

1. Molecular Weight Markers
2. PBS, 0 kGy
3. PBS, 45 kGy
4. PBS and Ascorbate, 0 kGy
5. PBS and Ascorbate, 45 kGy
6. PPG400, 0 kGy
7. PPG400, 45 kGy
8. Dehydrated in PPG400 and Rehydrated with PBS and Ascorbate, 0 kGy
9. Dehydrated in PPG400 and Rehydrated with PBS and Ascorbate, 45 kGy

Figure 76

T04260" E0409660

Gamma Irradiation of Porcine Heart Valve Cusps in the Presence of Various Solvents



- 1. Molecular Weight Markers
- 2. 50% DMSO, 0 kGy
- 3. 50% DMSO, 45 kGy
- 4. 50% DMSO and Ascorbate, 0 kGy
- 5. 50% DMSO and Ascorbate, 45 kGy

205
119
98
52.3
36.8
30.1
22
7.6

1 2 3 4 5

Figure 7H